

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L14	7205	laser near2 power near2 control\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/06 12:09
L15	947588	((laser or light or radiation) near2 (source or emit\$4)) or (semiconductor near2 (laser or light)) or (semiconductor near2 (laser or light) near2 (emit\$4 or diode)) or ((laser or (light near2 emit\$4)) near2 diode)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/06 12:09
L16	23742	L15 near3 (intensity or power or current or (driv\$4 near2 current)) near3 (control\$4 or regulat\$4 or driver or driving)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/06 12:10
L17	695	(L14 or L16) and (focus\$4 near2 actuator)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/06 12:17
L18	605	L17 and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/06 12:11
L19	506	(L16) and (focus\$4 near2 actuator)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/06 12:10
L20	454	L19 and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/06 12:10
L21	13396	(PI or (proportion\$4 adj integra\$4)) near2 (control\$4 or regulat\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/06 12:11
L22	3	L17 and L21 and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/06 12:12
L23	2875	proportion\$4 adj integra\$4 adj control\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/06 12:12
L24	10105	(proportion\$4 near2 integra\$4 near2 control\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/06 12:12
L25	21	L17 and (L21 or L23 or L24) and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/06 12:18
L26	21	L17 and (L21 or L23 or L24) and (object\$4 adj lens) and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/06 12:18
L27	1745	(L14 or L16) and (focus\$4 near2 (actuator or servo\$4))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/06 12:19
L28	21	L27 and (L21 or L23 or L24) and (object\$4 adj lens) and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/06 12:18

EAST Search History

L29	21	L27 and (L21 or L23 or L24) and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/06 12:18
L30	881	(L14 or L16) and (focus\$4 adj (actuator or servo\$4)) and (objective adj lens) and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/06 12:20
L31	21	(L14 or L16) and (focus\$4 adj (actuator or servo\$4)) and (objective adj lens) and (L21 or L23 or L24) and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/06 12:20
S1	90363	"369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 11:01
S2	41946	"372".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 11:01
S3	125303	"250".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 11:01
S4	255688	(S1 or S2 or S3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 11:02
S5	946623	((laser or light or radiation) near2 (source or emit\$4)) or (semiconductor near2 (laser or light)) or (semiconductor near2 (laser or light) near2 (emit\$4 or diode)) or ((laser or (light near2 emit\$4)) near2 diode)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 11:07
S7	23699	S5 near3 (intensity or power or current or (driv\$4 near2 current)) near3 (control\$4 or regulat\$4 or driver or driving)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 15:17
S8	13377	(PI or (proportion\$4 adj integra\$4)) near2 (control\$4 or regulat\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 15:37
S10	102	(integrator near2 wind near2 up) or ((anti or control\$4 or prevent\$4 or eliminat\$4 or reduc\$4 or minimiz\$4 or lower\$4) near2 integrator near2 wind near2 up)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 11:45
S11	4	S7 and S8 and S10	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 11:51
S12	33	S8 and S10	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 11:20
S15	284460	(step or stepwise) near2 (input or signal or change or respon\$4 or command\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 11:36
S16	4	S15 same S10	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 11:45

EAST Search History

S17	51	((anti or control\$4 or prevent\$4 or eliminat\$4 or reduc\$4 or minimiz\$4 or lower\$4) near2 integrator near2 wind near2 up)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 11:45
S19	4	S5 and S8 and S10	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 11:50
S20	35218	S5 near5 (intensity or power or current or (driv\$4 near2 current)) near5 (control\$4 or regulat\$4 or driver or driving)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 11:51
S23	179	(S7 or S20) and S8	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 12:12
S24	77	(S7 or S20) and S8 and S4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 11:53
S25	14	((S7 or S20) same S8) and S4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 12:05
S26	63	S24 not S25	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 12:05
S27	32	(S7 or S20) same S8	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 14:27
S28	7187	laser near2 power near2 control\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 14:28
S29	12	S28 same S8	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 15:05
S30	20	("20020121094" "20030142706" "20040008392" "20050028770" "20050128281" "20060140231" "4237427" "4577320" "4611270" "4774710" "5184578" "5222072" "5276781" "5701283" "5754577" "6151344" "6229833" "6690693" "6775216" "7061951").PN.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 14:55
S31	63	S28 and S8	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 15:05
S32	57	S28 and S8 and (integral or integrat\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 15:20
S33	29	S28 and S8 and (integral or integrat\$4) and S4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 15:22
S34	2	"6771679"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 15:18

EAST Search History

S35	28	S32 not S33	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 15:20
S36	35	("20020136247" "4374328" "4583539" "4621929" "4652143" "4663520" "4675529" "4700064" "4703175" "4799767" "4864098" "4895156" "4946256" "4994059" "5032005" "5107445" "5153607" "5232285" "5323269" "5351268" "5364391" "5579773" "5596590" "5798518" "5891394" "5928222" "6021151" "6045259" "6055451" "6086250" "6095982" "6124597" "6174291" "6475210" "RE31832").PN. OR ("6796710").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/04 15:21
S37	1304	S7 same (integral or integrat\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 15:22
S38	476	(S7 same (integral or integrat\$4)) and S4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 15:23
S39	68	(S7 same (integral or integrat\$4) same (multiply\$4 or multiplier or product or proportion\$4)) and S4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 15:24
S40	16	(S7 same (integral or integrat\$4) same (multiply\$4 or multiplier or product or proportion\$4) same (summ\$4 or add\$4)) and S4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 15:27
S41	231	(laser near2 control) and S8	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 15:30
S42	28	(laser near2 control) same S8	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 15:28
S43	97	(laser near2 control) and S8 and S4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 15:30
S44	86	S43 not S42	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 15:31
S45	15248	(PI or (proportion\$4 near2 integra\$4)) near2 (control\$4 or regulat\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 15:37
S46	10091	(proportion\$4 near2 integra\$4) near2 control\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 15:53
S47	58	((laser near3 control\$4) or S7) same S46	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 15:45

EAST Search History

S48	32	S47 and S4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 15:45
S51	363	((laser near3 control\$4) or S7) and S46	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 15:45
S52	142	S51 and S4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 15:45
S54	110	S52 not S47	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 15:46
S55	56	((proportion\$4 near2 integra\$4) near2 control\$4) and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 15:57
S59	95	((proportion\$4 near2 integra\$4) near2 control\$4) and "372".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 15:55
S60	148	((proportion\$4 near2 integra\$4) near2 control\$4) and "250".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 15:55
S61	95	S59 not S55	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 15:57
S62	2	"6796710"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/05 12:01
S65	10091	((proportion\$4 near2 integra\$4)) near2 (control\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/05 15:04
S66	7812	((proportion\$4 adj integra\$4)) near2 (control\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/05 12:15
S67	2873	proportion\$4 adj integra\$4 adj control\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/05 12:14
S68	2	S67 and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/05 12:06
S69	26	S67 and "372".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/05 12:06
S70	3	"5721477"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/05 12:12
S71	8	("4727303" "4743822" "4749928" "4860215" "4974210" "5179514").PN. OR ("5721477").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/05 12:13
S72	9	"4733144"	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/05 12:13

EAST Search History

S73	18	(proportion\$4 adj integra\$4 adj control\$4).ti.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/05 12:17
S74	72	(proportion\$4 near2 integra\$4 near2 control\$4).ti.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/05 12:15
S75	54	S74 not S73	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/05 12:17
S76	0	("2002/0167431").URPN.	USPAT	OR	ON	2007/12/05 12:39
S77	0	("2002/0167431").URPN.	USPAT	OR	ON	2007/12/05 12:39
S78	2	"5867456"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/05 12:51
S79	15	"5978393"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/05 14:05
S80	1	10/557631	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/05 14:05
S81	946623	((laser or light or radiation) near2 (source or emit\$4)) or (semiconductor near2 (laser or light)) or (semiconductor near2 (laser or light) near2 (emit\$4 or diode)) or ((laser or (light near2 emit\$4)) near2 diode)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/05 15:03
S82	23699	S81 near3 (intensity or power or current or (driv\$4 near2 current)) near3 (control\$4 or regulat\$4 or driver or driving)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/05 15:03
S83	7187	laser near2 power near2 control\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/05 15:00
S84	3	((S81 or "L31" or S83) same (S65 or S66 or S67)) and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/05 15:04
S87	35218	S81 near5 (intensity or power or current or (driv\$4 near2 current)) near5 (control\$4 or regulat\$4 or driver or driving)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/05 15:03
S88	0	((S87) same (S65 or S66 or S67)) and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/05 15:04
S89	10091	(proportion\$4 near2 integra\$4 near2 control\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/05 15:04
S90	0	((S87) same (S89)) and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/05 15:04

EAST Search History

S91	28	("4995105" "5170403" "5216682" "5255276" "5297157" "5313482" "5317578" "5383208" "5397933" "5467363" "5579328" "5589786" "5604757" "5832012").PN. OR ("5978393").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/05 15:08
-----	----	--	------------------------------	----	----	------------------

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/557631	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/03 13:04
S2	5	(("JAMES JOSEPH") near2 (MCCORMACK)).INV.	EPO; JPO; DERWENT	OR	ON	2007/12/03 13:01
S3	10	(("JAMES JOSEPH") near2 (MCCORMACK)).INV.	US-PGPUB; USPAT	OR	ON	2007/12/03 13:02
S4	50	"5067122" "4577320" "4894525" "5059780"	US-PGPUB; USPAT	OR	ON	2007/12/03 13:03
S5	64048	(light or (radiation near2 source) or (semiconductor near2 laser) or (laser diode) or (light near2 emit\$4)) near5 (power or current or (driv\$4 near2 current)) near5 (control\$4 or driver or driving)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/03 15:34
S6	5272	S5 and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/03 15:10
S7	37696	(light or (radiation near2 source) or (semiconductor near2 laser) or (laser diode) or (light near2 emit\$4)) near3 (power or current or (driv\$4 near2 current)) near3 (control\$4 or driver or driving)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/03 15:09
S8	4321	S7 and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/03 15:17
S10	928	(integrate or integration or integrating) same S5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/03 15:16
S13	29	(integrate or integration or integrating) same (step or stepwise or ((step or stepwise) adj input) or ((step or stepwise) adj signal) or ((step or stepwise) adj change)) same S5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/03 15:12
S14	164	S10 and ("369".clas. or "372".clas.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/03 15:33
S15	12353	("PI" or (proportion\$4 adj integra\$4)) near2 control\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/03 15:43
S17	9209	respon\$4 near2 (step or stepwise) near2 (input or signal or change or command)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/03 15:30
S18	231	S15 and S17	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/03 15:30
S19	22	S15 same S17	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/03 15:30

EAST Search History

S20	158	S15 and ("369".clas. or "372".clas.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/03 15:34
S21	428	S5 and S15	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/03 15:34
S22	84	S21 and ("369".clas. or "372".clas.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/03 15:34
S23	61	S5 same S15	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/03 15:34
S24	21	S23 and ("369".clas. or "372".clas.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/03 15:49
S27	1929	(block\$4 or mask\$4 or disb\$4) near2 ((step or stepwise) near2 (input or signal or change))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/03 15:45
S28	2	S15 same S27	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/03 15:46
S29	2324	(block\$4 or mask\$4 or disb\$4) near2 ((step or stepwise) near2 (input or signal or change or respon\$4))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/03 15:45
S30	7717	(block\$4 or mask\$4 or disb\$4 or stop\$4) near5 ((step or stepwise) near2 (input or signal or change or respon\$4))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/03 15:46
S31	4	S15 same S30	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/03 15:46
S32	0	S15 same ((block\$4 or mask\$4 or disb\$4 or stop\$4) near5 integra\$5 near5 ((step or stepwise) near2 (input or signal or change or respon\$4)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/03 15:47
S33	485	S15 same ((block\$4 or mask\$4 or disb\$4 or stop\$4) near5 integra\$5)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/03 15:47
S34	13	(S15 same ((block\$4 or mask\$4 or disb\$4 or stop\$4) near5 integra\$5)) and S5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/03 15:48
S35	11	S33 and ("369".clas. or "372".clas.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/03 15:49
S36	1	"6885684"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/03 16:09
S37	1	"6577655"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/03 16:09

EAST Search History

S38	7	("4796267" "4890288" "5018154" "5335239" "5446716" "5978393" "6078601").PN. OR ("6577655").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/03 16:16
S39	11160	koninklijke.as.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/03 16:16
S40	4	S39 and S10	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/03 16:18
S41	235	S39 and S5	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/03 16:18
S42	137	S39 and S7	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/03 16:18
S43	19	S39 and S7 and (integrate or integration or integrating)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/03 16:18